SENIOR INSURANCE DATA ANALYST

Senior Business Analyst | Insurance

@ name@email.com   🔗 linkedin.com   📍 San Jose, California

SUMMARY

Experienced Senior Insurance Data Analyst with 10+ years of expertise in driving strategic decision-making and operational efficiency in insurance. Skilled in analyzing large datasets, developing predictive models, and conducting actuarial analysis. Proven track record in fraud detection, risk assessment, and pricing optimization. Proficient in SQL, R, Python, and Tableau. Strong communicator and collaborator, committed to data integrity and delivering measurable value through data-driven insights.

EXPERIENCE

Senior Insurance Data Analyst
Insurance.com

2018 - Present

San Francisco, California

- Led data analysis and reporting initiatives for an insurance portfolio of 100,000+ policies, leveraging a wide range of datasets to support strategic decision-making and drive operational efficiency.
- Developed and implemented advanced predictive models using machine learning algorithms, resulting in a 20% improvement in claims fraud detection and prevention.
- Conducted comprehensive actuarial analysis, including loss ratio calculations and risk modeling, leading to a 15% reduction in underwriting losses.
- Oversaw the development and maintenance of 30+ automated reports and interactive dashboards, utilizing SQL, R, and Tableau to provide real-time insights and monitor key performance indicators for insurance operations.
- Collaborated with underwriters and risk managers to optimize insurance pricing strategies, resulting in a 10% increase in premium revenue and improved profitability.
- Conducted in-depth customer segmentation analysis, identifying high-value customer segments and driving targeted marketing campaigns that led to a 25% increase in policy renewals.
- Assisted in the implementation of data governance and quality control processes, ensuring data accuracy and integrity, with a resulting 98% accuracy rate.

Associate Business Analyst
LinkedIn

2013 - 2018

San Fransisco, California

- Analyzed business requirements and developed solutions to improve business processes
- Worked with cross-functional teams to implement and test new features
- Gathered and analyzed data to identify opportunities for improvement
  Accomplishments
- Led the development of a new feature that allowed users to more easily find and connect with people who shared their interests. The feature resulted in a 10% increase in user engagement.
- Worked with the product team to improve the accuracy of the company's search engine. The changes led to a 25% reduction in search errors.
- Analyzed data to identify trends in user behavior. The findings were used to improve the company's marketing campaigns, resulting in a 15% increase in click-through rates.

STRENGTHS

✔ **Analytical Skills**
Managed to reduce strategic system problems at AIG by 30% through meticulous analysis.

🏅 **Problem-Solving**
Resolved complex data challenges for AIG, increasing business process efficiency by 40%.

SKILLS

SQL Server · Data warehousing · Data analysis · Business strategy · Power BI · Tableau · Regulation compliance

EDUCATION

Master's degree in Business Analytics

University of Southern California

2010 - 2012   Stanford, California

Bachelor's degree in Business Administration

University of California, Irvine

2006 - 2010   Berkeley, California